State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-259-77
Relating to Certification of New Motor Vehicles

SUZUKI MOTOR CORPORATION

Pursuant to the authority vested in the Air Resources Board by the Health and Safety Code, Division 26, Part 5, Chapter 2; and

Pursuant to the authority vested in the undersigned by Health and Safety Code Sections 39515 and 39516 and Executive Order G-45-9;

IT IS ORDERED AND RESOLVED: That 2000 model-year Suzuki Motor Corporation exhaust emission control systems are certified as described below for passenger cars:

Emission Standard Category: Low-Emission Vehicle (LEV)

Fuel Type: Gasoline

Engine Family: YSKXV1.84LHS Displacement: 1.8 Liters (112 Cubic Inches)

Exhaust Emission Control Systems & Special Features:

Sequential Multiport Fuel Injection
Three Way Catalytic Converter
Warm Up Three Way Catalytic Converter
Heated Oxygen Sensors (two)
Exhaust Gas Recirculation

Vehicle models, transmissions, engine codes and evaporative emission control families are listed on attachments.

The LEV certification exhaust emission standards for this engine family in grams per mile are:

Miles	Non-Methane Organic Gas	Carbon Monoxide	Nitrogen Oxides	Formaldehyde	Carbon Monoxide (20°F)
50,000	0.075	3.4	0.2	0.015	10.0
100,000	0.090	4.2	0.3	0.018	n/a

Reactivity Adjustment Factor (RAF) for NMOG Mass Emission: 0.94

The certification exhaust emission values set forth for non-methane organic gas (NMOG) reflect application of a 0.94 RAF for 2000 model-year LEVs. The LEV certification exhaust emission values for this engine family in grams per mile are:

Miles	Non-Methane Organic Gas	Carbon Monoxide	Nitrogen Oxides	Formaldehyde	Carbon Monoxide (20°F)
50,000	0.038	1.2	0.2	0.0004	2.5
100,000	0.053	1.8	0.2	0.001	n/a

BE IT FURTHER RESOLVED: That the vehicle manufacturer is certifying the listed vehicle models to the aforementioned exhaust emission standards based on its submitted plan to comply with the fleet average NMOG exhaust mass emission requirements as set forth in "California Exhaust Emission Standards and Test Procedures for 1988 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles."

BE IT FURTHER RESOLVED: That under the submitted NMOG fleet average compliance plan, if the manufacturer incurs a NMOG debit for the aforementioned model year based on the projected NMOG fleet average exceeding the value required by the above-referenced standards and test procedures, all incurred NMOG debits by the manufacturer shall be equalized as required by the standards and test procedures.

BE IT FURTHER RESOLVED: That the vehicle manufacturer is certifying the listed vehicle models to the running loss and useful life standards applicable to 1995 and subsequent model-year vehicles in the "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Motor Vehicles," and the listed vehicle models comply with those standards.

BE IT FURTHER RESOLVED: That the vehicle manufacturer is certifying the listed vehicle models to the "California Refueling Emission Standards and Test Procedures for 1998 and Subsequent Model Motor Vehicles," Title 13, California Code of Regulations, Section 1978, and the listed vehicle models comply with those standards.

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's "Specifications for Fill Pipes and Openings of Motor Vehicle Fuel Tanks" for the aforementioned model year (Title 13, California Code of Regulations, Section 2235).

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's high-altitude requirements and highway emission standards, and with the California Inspection and Maintenance emission standards in place at the time of certification, as stipulated in "California Exhaust Emission Standards and Test Procedures for 1988 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles."

BE IT FURTHER RESOLVED: That the vehicle manufacturer has demonstrated compliance with the exhaust emission standards at 50 degrees Fahrenheit as stipulated in "California Exhaust Emission Standards and Test Procedures for 1988 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles."

BE IT FURTHER RESOLVED: That the listed models also comply with the "Malfunction and Diagnostic System Requirements--1994 and Subsequent Model-Year Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles and Engines" (Title 13, California Code of Regulations, Section 1968.1) for the aforementioned model year.

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the "California Motor Vehicle Emission Control and Smog Index Label Specifications" for the aforementioned model year (Title 13, California Code of Regulations, Section 1965).

BE IT FURTHER RESOLVED: That for the listed vehicles, the manufacturer has submitted and the Executive Officer hereby approves the materials to demonstrate certification compliance with the Board's emission control system warranty provisions (Title 13, California Code of Regulations, Section 2035 et seq.).

Vehicles certified under this Executive Order must conform to all applicable California emission regulations.

The Bureau of Automotive Repair will be notified by copy of this order and attachment.

Executed at El Monte, California this 1st day of July 1999.

R. B. Summerfield, Chief
Mobile Source Operations Division

2000
1999 MODEL YEAR AIR RESOURCE BOARD SUPPLEMENTAL DATA SHEET
PASSENGER CARS, LIGHT DUTY TRUCKS AND MEDIUM DUTY VEHICLES

Manufacturer: SUZUKI MOTOR CORP Exh Eng Fam: YSKXV1.84LHS EVAP Fam: YSKXR0100RCA
All Engine Codes in Eng Fam: CA___49S___50S_X_. ORVR: YES_____X_____NO_____
Exh Std: Tier 0___ Tier 1___TLEV ___ LEV _X_ULEV_ZEV___; US EPA : NLEV (All States)
EVAP Std : 50K ___ Useful Life with R/L ___X___. In Use Exh Std: FULL In Use___X___Alt In Use_____
Veh Class(es): PC_X_LDT1___LDT2___ MDV1___ MDV2___ MDV3___MDV4___MDV5___.
Single Cert Std for Multi-Class Eng Fam: N/A (specify: N/A, LDT1, LDT2, MDV1, MDV2, MDV3, MDV4, MDV5)
Fuel Type (s):Dedicated_X___ Flex-Fuel _____ Dual-Fuel ____ Bi-Fuel ___ Gasoline _X_ Diesel _____.
CNG ____ LNG _____ LPG _____ M85 ____ Other (specify) _____.
Emiss Test Fuel (s):Indo ___ Ph2 _X_ CNG ____ LPG ____ M85____ Other (specify)_____.
Diesel: 13CCR 2282 _____ 40CFR§86.113-90 _____ 40CFR§86.113-94 _____.
Service Accum: Std AMA _____ Mod AMA _____ Mfr ADP _X_ Other (specify)_____.
EVAP Emission Test Procedures: California_____Federal___X___
NMOG Test Procedure : N/A ____ Std _X___ Equiv _____R/L Test Proc: SHED ____ Pt Source _X_.
Hybrid: Type A _____ B _____ C _____, APU Cycle (e.g. Otto, Diesel, Turbine) _____.
Engine configuration: L4 (in line) Displacement: 1.8 Liters or 112 cubic inches
Valves per Cylinder: ___4___ Rated HP 122 @ 6,300 RPM
Engine: Front _X_ Mid Rear Drive: FWD _X_ RWD ___ 4WD-FT____ 4WD-PT _____.
Exhaust ECS (eg., EGR, MFI, TC, CAC): SFI / HO2S(2) / WU-TWC / TWC / EGR _____.
(per SAE J1930 SEP95)

Engine Code (also list CA/49ST/50ST)	Vehicle Models (re: p.21.00)	Trans type	ETW	DPA or RLHP	Ignition (ECM/PCM) Part No.	EGR System Part No.	Catalytic Converter Part No.
BVLQM (50 states)	ESTEEM Sedan	M5	2625	7.2	33920-62GL0	18111-77E00	14220-60G60
	ESTEEM Wagon		2750	6.8			
BVLQB (50 states)	ESTEEM Sedan	A4	2625	7.3	33920-62GM0		14190-65G00
	ESTEEM Wagon		2750	7.2			

Date Issued: 28MAY99
Revised: